Attorney Docket No. 08830-0364US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ACTING AS THE DESIGNATED/ELECTED OFFICE

In re:	Patent application of Sylvia Helen DUNCAN Harry James FLINT	:	Group Art Unit: Not Yet Assigned
Appl. No.:	(I.A. PCT/GB2004/001398)	:	Examiner: Not Yet Assigned
Filed:	(I.A. 29 March 2004 (29.03.2004)	:	Confirmation No.: Not Yet Assigned
For:	LACTIC ACID UTILISING BACTERIA AND THEIR THERAPEUTIC USE	:	

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: DO/EO/US

INFORMATION DISCLOSURE STATEMENT

Sir:

The present application is a 35 U.S.C. § 371 of PCT/GB2004/001398. Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, submitted herewith in duplicate is a substitute PTO Form 1449 listing the references cited in the Search Report in the international phase.

It is believed that copies of the references have been or will be forwarded by the International Search Authority. Examiner is encouraged to contact the undersigned if reference copies have not been received.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10

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I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL–POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

/Karen M. Spina/

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KAREN M. SPINA

Type or print name of person

The Examiner is respectfully requested to review the items listed on the PTO Form 1449 and make them of record in the instant application as required by M.P.E.P. § 609. It is requested that the Examiner initial the enclosed duplicate substitute Form 1449, and return one copy to the undersigned.

This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

This statement is being submitted before receipt of any office action on the merits. Thus, no fee is due for the filing of this paper. However, if a fee is due, please charge Deposit Account 50-0573.

Respectfully submitted,

SYLVIA HELEN DUNCAN *et al.*

BY: _____

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SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 08830-0364US1	APPLICATION NO. 10/550662 (PCT/GB2004/001139)
INFORMATION DISCLOSURE STATEMENT	**APPLICANT:** Sylvia Helen DUNCAN *et al.*	
	FILING DATE (I.A. 29 March 2004)	**GROUP ART UNIT** Not Yet Known

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	A	C. Bourriaud et al., "Butyrate Production From Lactate By Human Colonic Microflora", *Reprod. Nutr. Dev.* 42:55 (2002)
	B	G. R. Gibson et al., "Occurrence Of Sulfate-Reducing Bacteria In Human Feces And The Relationship Of Dissimilatory Sulfate Reduction To Methanogenesis In The Large Gut", *Journal of Applied Bacteriology* 65(2):103-112 (1988)
	C	Georgina L. Hold et al., "Assessment Of Microbial Diversity In Human Colonic Samples By 16S rDNA Sequence Analysis", *Fems Microbiology Ecology* 39(1):33-39 (2002), and the following retrieved from EBI: Database EMBL "clone HuCA15", database accession no. AJ408968; Database EMBL "clone HuCB26", database accession no. AJ409000; Database EMBL "isolate HuCC15", database accession no. AJ315482; and Database EMBL "clone HuCA20", database accession no. AJ408972.
	D	A. Barcenilla et al., "Phylogenetic Relationships Of Butyrate-Producing Bacteria From The Human Gut", *Applied and Environmental Microbiology* 66(4):1654-1661 (2000), and Database EMBL "Butyrate-producing bacterium L2-7", retrieved from EBI, database accession no. AJ270490
	E	E. G. Zoetendal et al., "Temperature Gradient Gel Electrophoresis Analysis Of 16S rRNA From Human Fecal Samples Reveals Stable And Host-Specific Communities Of Active Bacteria", *Applied and Environmental Microbiology* 64(10):3854-3859 (1998), and Database EMBL "bacterium A07", retrieved from EBI: database accession no. AF052409
	F	Thomas D. Leser et al., "Culture-Independent Analysis Of Gut Bacteria: The Pig Gastrointestinal Tract Microbiota Revisited", *Applied and Environmental Microbiology* 68(2):673-690 (2002), and the following retrieved from EBI: Database EMBL "clone p-2001-s959-5", database accession no. AF371658; Database EMBL "clone p-2566-9F5", database accession no. AF371660; Database EMBL "clone p-197-05", and database accession no. AF371659
	G	Xiang Y. Zhu et al., "16S rRNA-Based Analysis Of Microbiota From The Cecum Of Broiler Chickens", *Applied and Environmental Microbiology* 68(1):124-137 (2002), and Database EMBL "bacterium ckncm327-B6-72", retrieved from EBI, database accession no. AF376231
	H	A. Suau et al., "Direct Analysis Of Genes Encoding 16S rRNA From Complex Communities Reveals Many Novel Molecular Species Within The Human Gut", *Applied and Environmental Microbiology* 65(11):4799-4807 (1999) and Database EMBL "bacterium adhufec25", retrieved from EBI, database accession no. AF132254
	I	Louis Petra et al., "Restricted Distribution Of The Butyrate Kinase Pathway Among Butyrate-Producing Bacteria From The Human Colon", *Journal of Bacteriology* 186(7):2099-2106 (2004), and the following retrieved from EBI: Database EMBL "Butyrate-producing bacterium Gm2/1", database accession no. AY305315; Database EMBL "Butyrate-producing bacterium SS3/4", database accession no. AY305316; Database EMBL "Butyrate-producing bacterium SL6/1/1", database accession no. AY305317; Database EMBL "Butyrate-producing bacterium SM6/1", database accession no. AY305318; Database EMBL "butyrate-producing bacterium SS2/1", database accession no. AY305319; and Database EMBL "Butyrate-producing bacterium SSC/2", database accession no. AY305320

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.